

### **DETAILED ACTION**

1. This communication is in response to the Notice of Allowance mailed on 07/28/2009. Claims 1-6, 9, 11-14, 18-23, and 28-30 remain pending and have been examined. The Applicants' amendment and remarks have been carefully considered and are in condition for allowance

### **SUPPLEMENTAL EXAMINER'S AMENDMENT**

2. Authorization for this examiner's amendment was given in a telephone interview with Michael Badagliacca on 08/21/2009.

The application has been amended as follows:

Replace the following in **Claim 29**: From "The method as claimed in claim 27" **TO** --"The method as claimed in claim 18"--.

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The NPL document by Kim has be re-cited to remove the URL link information. Further, the NPL document discusses processing of speech signals in noisy environments for speech recognition.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PARAS SHAH whose telephone number is (571)270-

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1650. The examiner can normally be reached on MON.-THURS. 7:30a.m.-4:00p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on (571)272-7843843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Paras Shah/  
Examiner, Art Unit 2626

/David R Hudspeth/  
Supervisory Patent Examiner, Art Unit 2626

08/21/2009